

ABSTRACT OF THE DISCLOSURE

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3 A preferred apparatus for delivering an intravascular drug
4 such as a sclerosing agent (or a microfoam sclerosing agent) to a
5 varicose vein includes a catheter having three concentric tubes.
6 The innermost tube has a guide wire lumen and an inflation lumen.
7 The distal end of the innermost tube has an integral inflatable
8 occlusion balloon in fluid communication with the inflation lumen.
9 The intermediate tube has a lumen through which the innermost tube
10 extends. The distal end of the intermediate tube has a self-
11 expanding balloon with a plurality of fluid pores in fluid
12 communication with the intermediate tube lumen. The outer tube
13 has a lumen through which the intermediate tube extends.
14 Sclerosing agent is dispensed through the intermediate tube to
15 pores located at the distal end of the intermediate tube or in the
16 self-expanding balloon. Veins are sclerosed as the self-expanding
17 balloon is pulled through and ultimately out of the vein.